

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

LD125b (5624-263-999)

APPLICATION NO.

09/084,542

APPLICANT

FILING DATE

May 26, 1998

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Balog et al., 1996, "Total Synthesis of (-)-Epothilone A", Angew. Chem. Int. Ed. Engl., 35(23-24):2801-2803
CB	Bertini et al., 1970, "Alkenes from Epoxides by Reductive Elimination with Magnesium Bromide-Magnesium Amalgam", Chem. Commun., 144
CC	Bollag et al., 1995, "Epothilones, A New Class of Microtubule-stabilizing Agents with a Taxol-like Mechanism of Action", Cancer Res. 55, No. 11, 2325-2333
CD	Fujisawa et al., 1974, "Deoxygenation of Epoxides to Olefins with FeCl ₃ - BuLi System", Chem. Lett., 883-886
CE	Fujisawa et al., 1978, "Reductive Coupling of Carbonyl Compounds to Olefins by Tungsten Hexachloride-Lithium Aluminum Hydride and Some Tungsten and Molybdenum Carbonyls", J. Org. Chem., 43(12): 2477-2479
CF	Gladysz et al., 1976, "Deoxygenation of Epoxides by Metal Atom Cocondensation", J. Org. Chem., 41(22): 3647-3648
CG	Hofle et al., 1996, "Epothilone A and B - Novel 16-Membered Macrolides with Cytotoxic Activity: Isolation, Crystal Structure, and Conformation in Solution", Angew. Chem. Int. Ed. Engl., 35(13-14):1567-1569
CH	Hofle et al., 1999, "N-Oxidation of Epothilone A-C and O-Acyl Rearrangement to C-19 and C-21 -Substituted Epothilones", Angew. Chem. Int. Ed., 38(13/14):1971-1974
CI	Inokuchi et al., 1992, "Opening of Epoxides to Olefins or Halohydrins with Vanadium(II)-Tetrahydrofuran or Vanadium(III)-Tetrahydrofuran Complexes", Synlett, No. 6, 510-512
CJ	Kowalski et al., 1997, "Activities of the Microtubule-stabilizing Agents Epothilones A and B with Purified Tubulin and in Cells Resistant to Paclitaxel (Taxol®)" J. Biol. Chem., 272(4):2534-2541
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CO	Meng D., et al., "Remote Effects in Macrolide Formation Through Ring-Forming Olefin Metathesis: An Application to the Synthesis of Fully Active Epothilone Congeners", J. Am. Chem. Soc., Vol. 119, No. 11, 2733-2734 (1997)
CP	Nicolaou K. C., et al., 1996, "An Approach to Epothilones Based on Olefin Metathesis", Angew. Chem. Int. Ed. Engl., 35(20):2399-2401
CQ	Nicolaou K.C. et al., 1997, "Total Synthesis of Epothilone A: The Macrolactonization Approach", Angew. Chem. Int. Ed. Engl., 36(5): 525-527
CR	Nicolaou K.C. et al., 1997, "Designed Epothilones: Combinatorial Synthesis, Tubulin Assembly Properties, and Cytotoxic Action against Taxol-Resistant Tumor Cells, Angew. Chem. Int. Ed. Engl., 36(19): 2097-2103
CS	Nicolaou K.C. et al., 1997, "The Olefin Metathesis Approach to Epothilone A and its Analogues", J. Am. Chem. Soc., 119(34): 7960-7973

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CX	Sato M. et al., 1982, "Reduction of Organic Compounds with Low-Valent Niobium ($\text{NbCl}_5/\text{NaAlH}_4$)", Chem. Letters, 157-160
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CZ	Schobert R., et al., 1990, "Reduction and Isomerization of Oxiranes and - Diazoketones by Various Early Transition Metallocenes", Synlett, 8: 465-466
CAA	Sharpless K.B., et al., 1972, "Lower Valent Tungsten Halides. A New Class of Reagents for Deoxygenation of Organic Molecules", J. Amer. Chem. Soc., 94(18): 6538-6540
CAB	Su D.-S. et al., 1997, "Total Synthesis of (-)-Epothilone B: An Extension of the Suzuki Coupling Method and Insights into Structure-Activity Relationships of the Epothilones", Angew. Chem. Int. Ed. Engl., 36(7): 757-759
CAC	Su D.-S., et al., 1997, "Structure-Activity Relationships of the Epothilones and the First In Vivo Comparison with Paclitaxel", Angew. Chem. Int. Ed. Engl., 36(19):2093-2096
CAD	Victory S.F., et al., 1996, "Relative Stereochemistry and Solution Conformation of the Novel Paclitaxel-Like Antimitotic Agent Epothilone A", Bioorg. Med. Chem. Letts., 6(7):893-898
CAE	Winkler J. D. et al., 1996, "A Model For The Taxol (Paclitaxel)/Epothilone Pharmacophore", Bioorg. Med. Chem. Letts., 6(24): 2963-2966
CAF	Yang Z., et al., 1997, "Total Synthesis of Epothilone A: The Olefin Metathesis Approach", Angew. Chem. Int. Ed. Engl., 36(1/2): 166-168
CAG	Bollag D., et al., 1995, "Epothilone, A New Structural Class of Microtubule Stabilizer", Abstract, Proc Am. Assoc. Cancer Res., 36(86): Meet. 454
CAH	Bollag D., 1997, "Epothilones: Novel Microtubule-Stabilising Agents", Expert Opin. Invest. Drugs, 6(7):867-873
CAI	Bertinato P., et al., 1996, "Studies Toward a Synthesis of Epothilone A; Stereocontrolled Assembly of the Acyl Region and Models for Macrocyclization", J. Org. Chem., 61(23):8000-8001
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CAK	Chemical & Engineering News, 1997, "First Total Synthesis of Epothilone B", 75(13):23
CAL	Chemical & Engineering News, 1997, "Solid-Phase Epothilone Synthesis Used to Create Analog Library", 75(20):33
CAM	Claus et al., 1997, "Synthesis of the C1-C9 Segment of Epothilons", Tetrahedron Lett., 38(8):1359-1362
CAN	De Brabander et al., 1997 "Towards a Synthesis of Epothilone A: Rapid Assembly of the C1-C6 and C7-C12 Fragments", Synlett, 7: 824-826
CAO	Gabriel T. and Wessjohann, L., 1997, "The Chromium-Reformatsky Reaction; Asymmetric Synthesis of the Aldol Fragment of the Cytotoxic Epothilons from 3-(2-Bromoacyl)-2-Oxazolidinones", Tetrahedron Lett., 38(8):1363-1366
CAP	Gerth K., et al., 1996, "Epothilons A and B: Antifungal and Cytotoxic Compounds from Sorangium cellulosum (Myxobacteria) Production Physico-chemical and Biological Properties", J. Antibiotics, 49(6): 560-563
CAQ	Marshall A., "Total Synthesis of Epothilone", Nature Biotechnology, Vol. 15, No. 3, 205 (1997)
CAR	Meng D., et al., "Studies Toward a Synthesis of Epothilone A: Use of Hydropyran Templates for the Management of Acyclic Stereochemical Relationships", J. Org. Chem., vol. 61, No. 23, 7998-7999 (1996)
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CAT	Mensching, S. and Kalesse, M., "Generation of Thiazoles by Column Dehydrogenation of Thiazolidines with MnO_2 ", J. Prakt. Chem., Vol. 339, No. 1, 96-97 (1997)
CAU	Muizer, J. and Mantoulidis, A., "Synthesis of the C(1)-C(9) Segment of the Cytotoxic Macrolides Epothilone A and B", Tetrahedron Lett., Vol. 37 No. 51, 9179-9182 (1996)
CAV	Nicolaou K., et al., 1999, "Chemistry, Biology and Medicine of Selected Tubulin Polymerizing Agents", Pure Appl. Chem., 71(6): 989-997

	CAW	Nicolaou K., et al., 1997, "Total Synthesis of Epothilone E and Related Side -chain Modified Analogues Via a Stille Coupling Based Strategy", Bloorg. Med. Chem., 7(5): 665-697
	CAX	Schinzer D., et al., 1996, "Studies Towards the Synthesis of Epothilones: Asymmetric Synthesis of the Key Fragments", Chem. Eur. J., 2(22): 1477-1482
	CAY	Taylor and Haley, J., 1997, "Towards the Synthesis of Epothilone A: Enantioselective Preparation of the Thiazole Sidechain and Macrocyclic Ring Closure", Tetrahedron Lett., 38(12):2061-2064
	CAZ	Schinzer D., et al., 1999, "Syntheses of (-)-Epothilone B", Chem. Eur. J., 5(9):2492-2500
	CBA	Schinzer D., et al., 1999, "Syntheses of (-)-Epothilone B", Chem. Eur. J., 5(9): 2492-2500
	CBB	Nicolaou K. C., et al., 1998, "Synthesis and Biological Properties of C12, 13-Cyclopropylepothilone A and Related Epothilones", Chemistry & Biology, 5(7): 365-372

EXAMINER	DATE CONSIDERED
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